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(72) Inventors:
• Schildkraut, Jay S.
Rochester, New York 14650-2201 (US)
• Gray, Robert T.
Rochester, New York 14650-2201 (US)

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(74) Representative:
Lewandowsky, Klaus, Dipl.-Ing.
Kodak Aktiengesellschaft,
Patentabteilung
70323 Stuttgart (DE)

(54) A computer program product for redeye detection

(57) A computer program product for detecting eye color defects of a subject in an image due to flash illumination comprises : a computer readable storage medium having a computer program stored thereon for performing the steps of detecting skin colored regions in a digital image; searching the skin colored regions for groups of pixels with color characteristic of redeye defect; and correcting color of the pixels based on a location of redeye defect found in step (b).

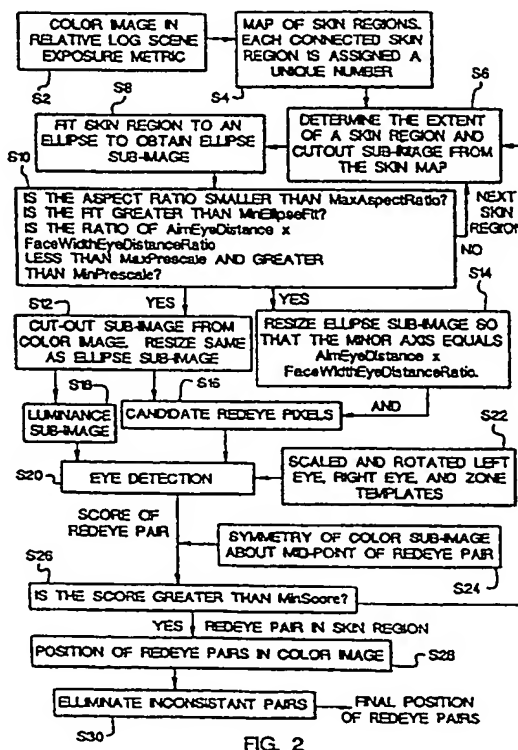


FIG. 2

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Application Number
EP 99 20 1509

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Y	SABER E ET AL: "Face detection and facial feature extraction using color, shape and symmetry-based cost functions" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, 25 August 1996 (1996-08-25), XP002097369 * page 655, paragraph 2 - page 657, paragraph 3 *	1	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H04N G06T
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 Apr11 2000	Examiner Chateau, J-P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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26-04-2000

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